WHAT IS CLAIMED IS:

1. A force-feedback input device comprising:

an operating unit to be operated by an operator;

a position detector for detecting an operating state of the operating unit;

a torque generator for applying a force to the operating unit;

an ambient-temperature measuring unit for measuring the ambient temperature of the torque generator;

a controller for controlling the driving of the torque generator according to position information output from the position detector so that a force in accordance with the operating state of the operating unit is applied to the operating unit, and for calculating an estimated temperature of the torque generator on the basis of a current supplied to the torque generator and the ambient temperature output from the ambient-temperature measuring unit;

a storage unit for storing the estimated temperature calculated by the controller; and

a power supply for supplying power to the position detector, the torque generator, the controller, and the storage unit,

wherein, when the power supply is restarted after being stopped, the controller compares an estimated temperature immediately before the power supply is stopped, the estimated temperature stored in the storage unit, and the ambient temperature output from the ambient-temperature measuring

unit, and calculates a new estimated temperature with reference to higher one of the estimated temperature and the ambient temperature.

2. A force-feedback input device according to claim 1, wherein the controller reduces the current supplied to the torque generator when the calculated estimated temperature exceeds a predetermined value.